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ABSTRACT OF THE DISCLOSURE

Electrostatic attraction is performed on a plate-shaped object 9 in that an attraction power source 3 applies a voltage to a pair of attraction terminals 23, 24 mounted inside a dielectric block 22, the surface of which is an attraction surface, thereby inducing static electricity in an attraction surface. The attraction power source 3 adjusts the surface potential of a plate-shaped object 9 by independently controlling voltages applied to the respective attraction terminals 23, 24. Processing is carried out on the surface of the plate-shaped object 9 while the injection of charged particles into the plate-shaped object 9 is suppressed. A control part 6 which controls the attraction power source 3 records, in a recording part 62, data obtained by measuring in advance the surface potential of the plate-shaped object 9 while respectively changing the voltage applied to the attraction terminals 23, 24, and controls the attraction power source 3 with a pattern selected in accordance with this data.

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